

WHAT IS CLAIMED IS:

1. An ignition gun with safety switch comprising:

a hollow body with a tube stretches out from one side of said hollow body;

5 a safety switch located on the center opening of said hollow body, one end of said safety switch is connected on the inner side of said hollow body to let the free end of said safety switch to be pressed downward, said safety switch consists of a body and a pressing part, said pressing part is placed freely onto the top of said body to move forward or backward on top of said body;

10 a brake bar installed freely inside said pressing part, the top of said brake bar exposes externally to the opening of said pressing part, the bottom of said brake bar is against a stopper, said pressing part can not move forward or backward for said stopper blocks said brake bar, a brim of the hollow body locates corresponding to the connection of said safety switch, said brim blocks the pressing brim on the bottom of said pressing part to prevent said safety switch from being pushed down;

15 a starting bar stretching downward and locating on the bottom of the free end of said safety switch;

a piezo-electric unit located inside said hollow body on the same side of said starter, a starter of said piezo-electric unit connects to said starting bar, said piezo-electric unit connects to the ignition area of a tube with a wire and connects to the
20 inner side of said tube with another wire to form a discharge spark generating loop;

a gas outlet connecting to said starting bar, the other side of said gas outlet connecting to an outlet of the gas valve of the gas tank;

a gas tube located on the gas valve of the gas tank and connected to the outlet of said gas valve, the other side of said gas tube stretches out and connects to said
25 ignition area the end of said tube.

2. The ignition gun with safety switch recited in claim 1, wherein said gas outlet having a trigger and an gas lever, the center of said trigger connects to the inner brim of said hollow body, one side of said trigger touches said starting bar of said

safety switch, the other side of said trigger touches one end of said gas lever, the right angle portion of said gas lever connects to the inner brim of said hollow body, one side of said gas lever touches said trigger, the other side of said gas lever connects to said gas valve of the gas tank.

5 3. The ignition gun with safety switch recited in claim 2, wherein a plurality numbers of slippage-proof stripes located on the top of said brake bar.

 4. The ignition gun with safety switch recited in claim 3, wherein a regulator installed on the connection between said gas valve and the gas tank, an adjustable rod is on the regulator, said adjustable rod exposes from the hollow body that is farther
10 from the other side gas tank, said adjustable rod adjusts the flow of gas from the gas tank.

 5. The ignition gun with safety switch recited in claim 4, wherein said
a gas inlet valve located on the gas tank that located on the other side of said gas valve, an open hole of said hollow body that corresponding to said gas inlet valve
15 so the gas charging tank can have the inlet tube pass through said opening and connect to said gas inlet valve to inflate gas into the gas tank.